



PRODUCT MANAGER
AUTOMATIC IDENTIFICATION TECHNOLOGY
"On Time Source Data SOLUTIONS"

PM AIT ITV Operations and Training Newsletter

September 2004

If you have any questions or comments, please contact the following points of contact:

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The Quality Assurance (QA) Process

It has been sometime since we have done a QA report, but we just want to remind you that the following types of recurring tag/data problems are still being found, and we provide you with potential solutions to maximize the usefulness of ITV data and enhance your ability to track sustainment and unit move shipments. The data compiled in this report was collected from 1-30 September 2004. **Due to the high volume of tags that move through the system, we are only able to view a selected/limited sampling. The discrepancies provided below may or may not be representative of the performance at your location, but we ask that you review these samples to determine if there may be a problem at your site.**

QA Report for September 2004

Over-Interrogation of Tags

Problem: Sites reporting over 300 hits in a one-day period. Over-interrogation of a tag affects the life of the battery. RF tags with low battery power will not operate properly, and RF tags with dead batteries will not be read by interrogators.

Solution: Move tagged items farther from the interrogator or deactivate the tag if the item is not scheduled for movement or if it has reached its destination. To deactivate the 410 tag, turn the battery around. To deactivate the 412 tag, turn the tag around in the bracket to the "OFF" position. Remember to use a handheld interrogator to ensure the battery has been reactivated when your shipment is ready for movement.

CONUS Sites:

<u>Interrogator ID</u>	<u>Interrogator Name</u>	<u>Interrogator Description</u>
44004	ANNISTONR1	ANNISTON AL TRUCK/RAIL ARRIVAL
20843	CHARAFBR3	CHARLESTON AFB SC 437 APS STRE
14633	CHARAFBR4	CHARLESTON AFB SC 437 APS FLIG
42058	DOVERTRUCK	DOVER DE APOE ARRIVE/DEPART
42481	DRUMR6	DRUM NY RAILHEAD BLD 4529
18012	LEWISR6	LEWIS WA SBCT TECH INSPECTION
46501	NORFOLKR1	NORFOLK VA AMC TERMINAL
46166	OLYMPIA R1	OLYMPIA TERMINAL EEDSK
23825	POLKR4	POLK LA NORTH CAROLINA AVE
13264	POLKR5	POLK LA TENNESSEE AVENUE
27994	STEWARTR1	STEWART RAIL MARSHALING AREA
1726	STEWARTR2	STEWART GA CONTAINER HANDLING
19442	TRAVISR1	TRAVIS AFB CA ARR/DEP
20173	SCHOFIELDR4	SCHOFIELD HI B 725 MSB
24010	SCHOFIELDR9-2	WHEELER AAF HI AHA READY 2

Check out the PM AIT web site at:

<http://www.eis.army.mil/AIT> to view the latest and greatest PM AIT hardware contract(s) for AIT and RFID equipment.

CENTCOM/EUCOM Sites:

<u>Interrogator ID</u>	<u>Interrogator Name</u>	<u>Interrogator Description</u>
22486	ANACONDAR4	BALAD IZ CDC INBOUND
21786	ANACONDAR7	BALAD IZ RFDP IN/OUTBOUND
23053	BAGRAMR1	BAGRAM AF ADACG
1691	GERMERSR4	GERMERSHEIM GE DEPOT TRUCK GAT
26718	KANDAHARR1	KANDAHAR AF ADACG
46867	KANDAHARR3	KANDAHAR AF SSA
23071	K2R1	K2 UZ GATE INBOUND/OUTBOUND
39684	NAVISTARR1	NAVISTAR KU NORTHBOUND
23430	SPEICHERR2	TIKRIT IZ CLASS 9 YARD

USFK Sites:

<u>Interrogator ID</u>	<u>Interrogator Name</u>	<u>Interrogator Description</u>
24005	JINHAER1	JINHAE KS JINHAE AMMO RAIL GAT
43245	JINHAER2	JINHAE KS JINHAE AMMO PIER
43698	HUMPHREYR1	PYONGTAEK KS 520TH MAINT CLIX
1716	HUMPHREYR3	PYONGTAEK KS MSC-K GSDB DISTRI
1722	STANLEYR1	UIJUNGBU KS B602 ASB CLIX SSA

Continuous Transit Tags

Problem: Tag has a long history of movement and has passed its original destination and TK6 transaction. This gives false impression of cargo moving through the system and potential distortion of Customer Wait Time (CWT).

Solution: Erase tag and reverse battery upon arrival at destination.

Sites Reported:

<u>Tag #</u>	<u>Interrogator ID</u>	<u>Interrogator Description</u>
458855	ANNISTONR1	ANNISTON AL TRUCK/RAIL ARRIVAL

Incorrect or Incomplete Data on Header Information

Problem: Tag header data is wrong or incomplete. Affects ability to search for particular items/shipments.

Solution: Use appropriate Defense Transportation Regulation (DTR) abbreviations for POE, POD, Consignee, Consignor and other header data.

Write Stations Reported (example tag numbers available upon request):

CONUS Sites:

<u>Interrogator Name</u>	<u>Interrogator Description</u>	<u>Number of Tags</u>
DRUMW5	DRUM NEW YORK WRITE 5 DOCKING	9
Unknown*	NORFOLK NS VA NORFOLK NAT RFID	14
TRAVISAFBW02	TRAVIS AFB CA 60 APS RFID	3

*There are six interrogators registered with the description, NORFOLK NS VA NORFOLK NAT RFID. In order to be able to correctly identify interrogators, each interrogator should be given a unique description following proper naming conventions.

For more information on naming conventions, go to :
https://highland.rfiv.army.mil/rfitv/Naming_Conventions_for_RF_Interrogators.pdf

USFK Sites:

<u>Interrogator Name</u>	<u>Interrogator Description</u>	<u>Number of Tags</u>
HUMPHREYSW1	HUMPHREYS KS MSCK TFLD BPS	7
CARROLLW2	WAEGWAN KS MSC-K CLIX	32

Blank Tags

Problem: Tag with no header records (includes license plate data, TCMD and Commodity data) is moving through the system. Problem occurs when tag information has not been uploaded to the server, which negates the ability to search for particular items/shipments, know shipment's origin/designation and identify container contents. Blank tags will also occur when active tags, set aside for return or reissue, have been placed to close to and are being read by an interrogator, causing the battery to run down.

Solution: Check to ensure that tags are uploaded correctly before leaving location to ensure the ability to search for particular items/shipments. If tags are set aside for return or reissue, deactivate the tag. To deactivate the 410 tag, turn the battery around. To deactivate the 412 tag, turn the tag around in the bracket to the "OFF" position.

Sites Reported (first indicated read site):

CONUS Sites:

<u>Interrogator ID</u>	<u>Interrogator Name</u>	<u>Interrogator Description</u>
14633	CHARAFBR4	CHARLESTON AFB SC 437 APS FLIG
13264	POLKR5	POLK LA TENNESSEE AVENUE
11099	TRACYR2	TRACY CA TRUCK GATE ARR/DEP

CENTCOM/EUCOM Sites:

<u>Interrogator ID</u>	<u>Interrogator Name</u>	<u>Interrogator Description</u>
23053	BAGRAMR1	BAGRAM AF ADACG
1691	GERMERSR4	GERMERSHEIM GE DEPOT TRUCK GAT

USFK Sites:

<u>Interrogator ID</u>	<u>Interrogator Name</u>	<u>Interrogator Description</u>
24005	JINHAER1	JINHAE KS JINHAE AMMO RAIL GAT
43245	JINHAER2	JINHAE KS JINHAE AMMO PIER

Ping Pong Tags

Problem: Repeated hits by alternating interrogators. Problem occurs when interrogators have been placed too close together. Constant alternating hits wears down battery life.

Solution: Shorten range of interrogation at fixed interrogator site. If adjustment to range is required, contact a PM AIT representative or your local Field Service Engineer (FSE) for a site visit.

Sites Reported (first indicated read site):

CONUS Sites:

Interrogator Descriptions

CHARLESTON AFB SC 437 APS FLIG
POLK LA TENNESSEE AVENUE

CHARLESTON AFB SC 437 APS STRE
POLK LA NORTH CAROLINA AVE

PEARL HARBOR HI FISC PIER 8 WE
PEARL HARBOR HI FISC PIER 8 WE

PEARL HARBOR HI PIER K-10 RAMP EEDSK
PEARL HARBOR HI FISC PIER 8 CE

CENTCOM/EUCOM Sites:

Interrogator Descriptions

RAMSTEIN GE MOBILITY YARD
ARIFJAN KU CLASS IX WHSE INBOU
BAGRAM AF FRONT GATE

RAMSTEIN GM WEST GATE
ARIFJAN KU CLASS IX WHSE OUTBO
BAGRAM AF SSA BUILDING 305

USFK Sites:

Interrogator Descriptions

OSAN KS OSAN AFB CARGO GATE
PYONGTAEK KS 348TH QM SP 52 WA

OSAN KS OSAN AFB OSAN FLIGHT L
PYONGTAEK KS 520TH MAINT CLIX

“We’ve Come a Long Way!”

An AIT Coordinating Group Workshop is scheduled for 14 October 2004 at Ft. Lee, VA. Come and learn the latest about what’s happening “over there” in PM AIT. The session will include system overviews and hardware demonstrations to ensure you understand the emerging capabilities of AIT and automation. PM AIT has definitely “come a long way” so please join us for an informative and productive conference.

The workshop will be held at 0830 – 1600 in Larkin Hall at Ft. Lee, VA. Please RSVP to one of the following:

Ralph Ocasio, 703-339-4400 (ext. 104)
Ralph.ocasio@eis.army.mil

Al Barnes, 804-734-0417
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ITV Read Operations for Standard Army Retail Supply System (SARSS)

With Change Package L1Y-04-05, SARSS-1 activities will be fielded Radio Frequency Identification (RFID) sets. These sets will provide SARSS with the capability to read and eventually write RF tags attached to incoming shipments of supplies and create tags for outbound shipments. Fielding will be initiated in October 2004 and will continue until the entire Army is upgraded.

To assist SARSS users in setting up the RFID sets, a guide has been developed and is included in each transit case of the SARSS Tactical RFID set. The guide is also posted on and available for download from the following web sites:

CONUS ITV Server: https://highland.rfitv.army.mil/rfitv/SARSS_Guide.pdf

PM LIS: <https://www.pmlis.lee.army.mil/private/SARSS.htm>

RFID Training Materials

To familiarize yourself with an overview of the AIT/RFID operations or the ITV server, you can visit the following guidebooks on-line at:

<http://www.cascom.army.mil/Automation/ITV/guidebooks/index.htm>

The *ITV Server Guide 2004* provides information that will help you understand and use the components of the ITV servers. This guide also provides other helpful information to unit leaders to maintain visibility of their in-transit shipments and equipment. The *AIT/RFID Operations Guide 2004* provides information on RFID hardware, deployment and sustainment RF tag writing, reading, uploading, and MSL placement.

For a more in-depth "how to" process, visit the *TIPS Write and Read Operations Tutorial* on the ITV server at: <https://highland.rfitv.army.mil/TT/>

Newsletter Now On-line

Do you know someone who would like a copy of the PM AIT ITV Operations and Training Newsletter? Have you missed an issue of the newsletter? The latest issue and back issues are available on-line. To view the PM AIT ITV Operations and Training Newsletter on-line go to: <http://www.eis.army.mil/AIT/>.

If you would like to be added to distribution list to receive the newsletter via e-mail, send your request to PM AIT (Jerry Rodgers) at jerry.d.rodgers@us.army.mil.

ITV Server User ID and Password

Users of the CONUS and USFK ITV servers can now log-on using either their AKO credentials or ITV User ID and Password. USAREUR and CENTCOM servers will be updated in the future to also allow users to log-on using their AKO credentials.

If you already have your User ID and Password, you may visit any of the ITV servers at:

CONUS: <https://highland.rfitv.army.mil>

USAREUR: <https://itv.aelog.army.mil>

Korea: <https://usfkitv.korea.army.mil>

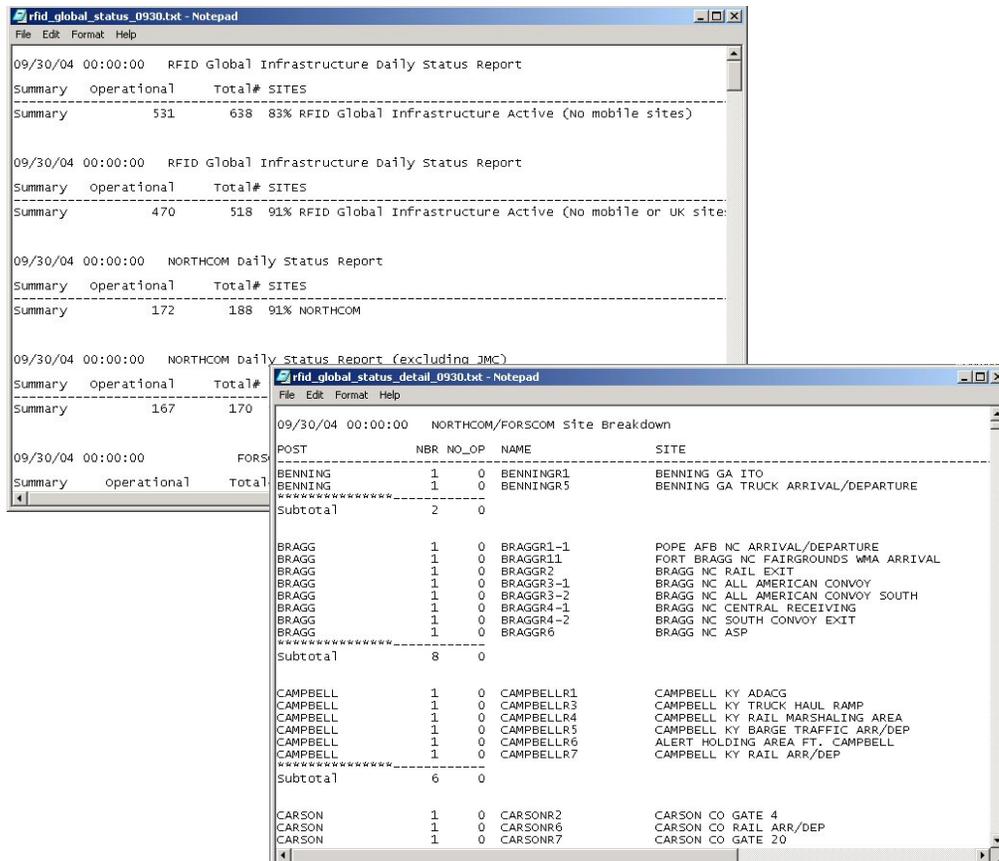
CENTCOM: <https://cenitv1.arifjan.arcent.army.mil>

Training: <https://trainer.rfitv.army.mil>

RFID Global Status Reports

Keep track of your interrogator status with the daily RFID Global Status Reports. The RFID Global Status Reports are issued daily via e-mail by PM AIT. The report is provided in detail and summary formats for your information and review. At the date and time the reports are generated, non-operational sites are reflected in the last column of the RFID Global Status Detail Report.

If you are not currently on the distribution list to receive these reports and would like to be, please contact PM AIT (Jerry Rodgers) at jerry.d.rodgers@us.army.mil.



WANTED...RFID tags



For more information on the DoD RFID tag return guidance and addresses, you can go to the DoD Logistics AIT Office web site at:

http://www.dodait.com/refdoc/RF_TAG_RETURN_ADDRESS.pdf

OR

http://www.dodait.com/refdoc/RF_TAG_RETURN_ADDRESS.doc

In the Iraqi Zone (IZ), return all RFID tags to:

RF TAGS for RETROGRADE
TDC, KUWAIT

The point of contact is LTC Johnson, DSN 318-438-8246

Suggestions:

- Set up a tag collection point.
- Once the shipment has reached its designation, ***invert the battery before you place it in collection box***. This will deactivate the tag so it will not continue to be read and uploaded to the ITV server.
- Send the magnetic mounts back too.

If this report has been forwarded to you and you would like to be added to the distribution list, please send your request via e-mail to PM AIT (Jerry Rodgers) at jerry.d.rodgers@us.army.mil.